

Amendment and Response under 37 C.F.R. 1.116

Applicant: Christian L. Struble

Serial No.: 09/888,350

Filed: June 21, 2001

Docket No.: 10005647-1/H303.203.101

Title: ELECTRONIC DOCUMENT SENDER SYSTEM AND METHOD WITH
EXTERNAL ADDRESS ACCESS

IN THE CLAIMS

Please amend claims 1, 3-4, 10, 12, 20, 23 as follows:

1. (Currently Amended) A method of document scanning comprising:
wirelessly communicating a request, initiated by a mobile computing device, to a scanner to image a paper document into an electronic document and to send the electronic document to a document server identified by the mobile computing device;
imaging the paper document with the scanner, in response to the request, to produce the electronic document; and
sending the electronic document from the scanner to the identified document server.
2. (Original) The method of claim 1 wherein the communicating step further comprises:
wirelessly sending from the mobile computing device, directly through at least one of a radio and infrared communication protocol, to the scanner a request to image a paper document at the scanner.
3. (Currently Amended) The method of claim 1 wherein the communicating step further comprises:
wirelessly obtaining with the mobile computing device an address of the scanner and a document identifier of the paper document;
wirelessly sending from the mobile computing device to the document server an address of the scanner and the document identifier; and
querying the scanner with the document server using the scanner address and the document identifier to request the electronic document.
4. (Currently Amended) A method of wirelessly activated document transportation comprising:
wirelessly sending from a mobile computing device to a scanner a request to image a paper document at the scanner;

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imaging the document with the scanner, in response to the request, to produce an electronic document; and

sending the electronic document from the scanner to a document server at an electronic address identified by the mobile computing device.

5. (Original) The method of claim 4 comprising:

sending a password from the mobile computing device to the scanner to authorize scanning the paper document.

6. (Original) A method of remotely activated scanning comprising:

wirelessly sending from the mobile computing device to a document server a scanner address and a document identifier with a request to obtain an electronic document from the scanner;

querying the scanner with the document server using the scanner address and the document identifier to request the electronic document; and

sending the electronic document from the scanner to the document server.

7. (Original) The method of claim 6, and further comprising:

prior to the first sending step, wirelessly obtaining from the scanner with the mobile computing device the scanner address and the document identifier.

8. (Original) The method of claim 6 and further comprising:

imaging a paper document with the scanner to produce the electronic document.

9. (Original) The method of claim 8 and further comprising:

storing the electronic document in a memory component of the scanner for retrieval by the document server.

10. (Currently Amended) A document scanner comprising:

an imaging mechanism configured for ~~creating an electronic~~ imaging a paper document ~~from a paper~~ into an electronic document; and

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a communication module configured for receiving wirelessly an imaging request from a mobile computing device to image the paper document into the electronic document via the imaging mechanism and for sending the electronic document to a document server based on the imaging request.

11. (Original) The document scanner of claim 10 and further comprising:
a multifunction printer incorporating the imaging mechanism and wireless communication module.
12. (Currently Amended) The document scanner of claim 10 and further comprising a A
scanning system comprising: a document server;
~~a scanner configured to image a paper document into an electronic document and having a wireless communication module configured for wirelessly receiving an imaging request from a mobile computing device and for sending the electronic document to the document server based on the imaging request.~~
13. (Original) The system of claim 12 wherein the wireless communication module is configured for wirelessly sending the electronic document to the document server.
14. (Original) A wireless document scanning system comprising:
a document server;
a scanner configured to image a paper document into an electronic document and having a wireless communication module configured for sending the electronic document to the document server; and
a mobile computing device having a wireless communication module configured for sending a request to the scanner to image the paper document and configured for identifying to the scanner an address of the document server.
15. (Original) The scanning system of claim 14, wherein the scanner further comprises a multifunction printer configured for copying, scanning, faxing, and emailing documents.

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16. (Original) The scanning system of claim 14 and further comprising:
a network communication link configured for facilitating communication between the mobile computing device, the scanner, and the document server.
17. (Original) The scanning system of claim 14, wherein the mobile computing device further comprises at least one of a personal digital assistant, a portable computer, and a mobile phone.
18. (Original) A wireless document scanning system comprising:
a document server;
a scanner configured to image a paper document into an electronic document and having a communication module configured for wirelessly receiving a request from the document server to obtain the electronic document and configured for sending the electronic document to the document server; and
a mobile computing device having a wireless communication module configured to perform the following tasks:
wirelessly obtaining from the scanner an address of the scanner and an identifier of the paper document; and
wirelessly sending a request to the document server to obtain the electronic document at the scanner address using the document identifier.
19. (Original) A wireless document scanning system comprising:
a document server;
a scanner configured to image a paper document into an electronic document and having a wireless communication module configured for wirelessly receiving an imaging request and configured for sending the electronic document to the document server; and
a mobile computing device having a wireless communication module configured to perform the following tasks:
wirelessly sending the imaging request to the scanner; and
wirelessly requesting the scanner to send the electronic document to the document server.

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20. (Currently Amended) A computer-readable medium having computer-executable instructions for performing a method of document scanning, the method comprising:

wirelessly communicating a request, initiated by a mobile computing device, to a scanner to image a paper document into an electronic document and to send the electronic document to a document server identified by the mobile computing device;

imaging the paper document with the scanner, in response to the request, to produce the electronic document; and

sending the electronic document from the scanner to the identified document server.

21. (Original) The method of claim 20 wherein the communicating step further comprises:

wirelessly sending from the mobile computing device, directly through at least one of a radio and infrared communication protocol, to the scanner a request to image a paper document at the scanner;

22. (Original) The method of claim 20 wherein the communicating step further comprises:

wirelessly obtaining with the mobile computing device an address of the scanner and a document identifier of the paper document;

wirelessly sending from the mobile computing device to the document server an address of the scanner and the document; and

querying the scanner with the document server using the scanner address and the document identifier to request the electronic document.

23. (Currently Amended) A computer-readable medium having computer-executable instructions for performing a method of wirelessly activated document transportation, the method comprising:

wirelessly sending from a mobile computing device to a scanner a request to image a paper document at the scanner;

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imaging the document with the scanner, in response to the request, to produce an electronic document; and

sending the electronic document from the scanner to a document server at an electronic address identified by the mobile computing device.

24. (Original) A computer-readable medium having computer-executable instructions for performing a method of remotely activated scanning, the method comprising: comprising:

wirelessly sending from the mobile computing device to a document server a scanner address and a document identifier with a request to obtain an electronic document from the scanner;

querying the scanner with the document server using the scanner address and the document identifier to request the electronic document; and

sending the electronic document from the scanner to the document server.